INDEX TO VOLUME 45

AUTHOR INDEX*

A

ALBERS, JOHN E. (*See* Helmsworth et al.), 129

ALLBRITTEN, F. F., JR. (*See* Marx et al.), 992

ALLEN, R. PARKER. (*See* Packard and Allen), 496

ALTEMEIER, W. A. Report of the National Conference on Hospital-Acquired Staphylococcal Disease (Edit.), 522

ANDERSEN, JAMES G. (*See* Garamella et al.), 292

ANLYAN, W. G., BAYLIN, G. J., FABRIKANT, J. I., and TRUMBO, R. B. Studies in coronary angiography, 8

ANSELL, J. S. (*See* Krumbach and Ansell), 585

ANZEL, SANFORD H., COVEY, KENNETH W., WEINER, ALAN D., AND LIPSCOMB, PAUL R. Disruption of muscles and tendons, 406

ARTUSO, DOMINICK A. (*See* Sneierson et al.), 552

ATIK, M., CASTLEBERRY, JESSE W., AND COHN, ISIDORE, JR. Common bile duct anastomosis, 535

B

BALES, HAROLD W. (*See* Schwartz et al.), 72

BARKER, WILEY F. The management of venous thrombosis and pulmonary embolism, 198

BARONOFSKY, IVAN D. (*See* Gardner and Baronofsky), 389

—. (*See* Zaroff et al.), 645

BAYLIN, G. J. (*See* Anlyan et al.), 8

BEAL, JOHN M. (*See* Dineen et al.), 251

BELISLE, CHARLES A. (*See* Nunn et al.), 848

BENVENUTO, RICCARDO, AND LEWIS, F. JOHN. Anastomosis between the superior vena cava and the right atrium: a new technique and a new application, 173

BIERMAN, HOWARD T. (*See* Byron et al.), 634

BIGELOW, W. G. (*See* Wensel and Bigelow), 223

BLAKE, D. ARLENE. (*See* Bosher et al.), 91

BLANTON, FRANK S., JR., MULLER, WILLIAM H., JR., AND WARREN, W. DEAN. Experimental production of dissecting aneurysms of the aorta, 81

BOSHER, LEWIS H., JR., BLAKE, D. ARLENE, AND BYRD, BENJAMIN R. An analysis of the pathologic anatomy of pulmonary arteriovenous aneurysms with particular reference to the applicability of local excision, 91

BOYD, THOMAS F., AND BYRNE, JOHN J. Serum amylase levels in experimental intestinal obstruction, 742

BOYLES, PAUL. (*See* Edwards), 298

BRASFIELD, RICHARD. (*See* Lawrence et al.), 543

BRUNS, DAVID L. (*See* Connolly et al.), 181

BRUNSCHWIG, ALEXANDER, AND GREENMAN, ROBERT B. Urinary diversion with bladder substitution, 240

BUGDEN, WALTER F., STRAEHLEY, CLIFFORD J., JR., AND IKINS, PHILLIP M. Two cases of posterior mediastinal goiter and their management, 941

BYRD, BENJAMIN R. (*See* Bosher et al.), 91

BYRNE, JOHN J. (*See* Boyd and Byrne), 742

BYRON, RALPH L., JR., SINGH, BAWA P., BIERMAN, HOWARD R., AND KELLY, KEITH H. Intra-aortic nitrogen mustard therapy in advanced pelvic malignancies, 634

C

CÁCERES, EDUARDO, AND WHITTEMBURY, GUILLERMO. Evaluation of blood losses during surgical operations, 681

CANNARD, THOMAS H., AND SCHUDER, JOHN C. A simple operating room electrocardiogram monitor, 467

CANTWELL, KENNETH L. (*See* Pollock et al.), 324

CARLSON, ROBERT I. (*See* Scott et al.), 445

CASTAGNO, JOSEPH L. (*See* Hardaway and Castagno), 780

CASTLEBERRY, JESSE W. (*See* Atik et al.), 535

*January, pp. 1-180; February, pp. 181-356; March, pp. 357-530; April, pp. 531-708; May, pp. 709-882; June, pp. 883-1062.

CATE, WILLIAM R., JR., AND SCOTT, H. WILLIAM, JR. Cerebral ischemia of central origin: relief by subclavian-vertebral artery thromboendarterectomy, 19

CLAGETT, O. THERON. (*See* Pontius et al.), 852

CLARE, DAVID W. (*See* Harbison and Clare), 520

COHN, ISIDORE, JR. (*See* Atik et al.), 535

COHN, ROY B. (*See* Connolly et al.), 181

COLE, WILLIAM R. (*See* Helmsworth et al.), 129

COLLIER, CHARLES S. (*See* Miller et al.), 310

COLLINS, HAROLD A., HARBERG, F. JAMES, SOLTERO, LUIS R., MCNAMARA, DAN G., AND COOLEY, DENTON A. Cardiac surgery in the newborn, 506

COLON-BONET, J. (*See* Shapiro et al.), 454

CONNOLLY, JOHN E., SAMSON, PAUL C., RICHARDS, VICTOR, BRUNS, DAVID L., AND COHN, ROY B. Direct vision surgery of acquired aortic and mitral valvular stenosis under hypothermia, 181

COOLEY, DENTON A. (*See* Collins et al.), 506

CORVESE, WILLIAM P. (*See* Gaylis et al.), 41

COVEY, KENNETH W. (*See* Anzel et al.), 406

COWEN, ROBERT H., AND LAURENSON, RAE D. A technique of operating upon the fetus of the rabbit, 321

CRANLEY, JOHN J., KRAUSE, RAYMOND J., AND STRASSER, EDWARD S. Limb survival with and without definitive surgical treatment in obliterative arterial disease, 32

CREECH, OSCAR, JR. (*See* Winblad et al.), 105

CROWELL, JACK W., AND JOHNSON, W. W. The role of the hematocrit ratio in circulatory arrest, 432

CUNNINGHAM, JOHN R. (*See* Sneierson et al.), 552

D

DAY, STACEY B., *and* LILLEHEI, C. WALTON. Experimental basis for a new operation for coronary artery disease, 487

DENST, JOHN. (*See* Wittenstein et al.), 981

DEPEYSTER, FREDERIC A. (*See* McCredie and dePeyster), 709

DE WOLFE, V. G. (*See* Humphries et al.), 59

DICKSON, JAMES F. III, HAMER, NEIL A. J., AND DOW, JAMES W. A system for venoarterial pumping, 288

DIERKS, CHRISTA. (*See* Mason et al.), 765

DINEEN, JOSEPH P., FULLER, WM. F., AND BEAL, JOHN M. Application of autogenous skin grafts to the gastric wall, 251

DINES, GEORGE L., AND GEIS, ARTHUR F. Experimentally produced closed loop intestinal obstruction in dogs, 751

DOW, JAMES W. (*See* Dickson et al.), 288

DOWNEY, HAL, AND WELLS, LEMEN J. Reaction of the great omentum of the rat to pipe tobacco tar, including the formation of giant cells, 715

DUSHANE, JAMES W. (*See* Ellis et al.), 160

E

EASON, H. R. (*See* Singleton et al.), 665

EDWARDS, JESSE E. (*See* Ellis et al.), 160

EDWARDS, W. STERLING. Progress in synthetic graft development—an improved crimped graft of Teflon, 298

EFFLER, DONALD B., KOLFF, WILLEM J., AND GROVES, LAURENCE K. Complications peculiar to open heart surgery, 149

EHRLICH, E. (*See* Gollub et al.), 204

—. (*See* Gollub et al.), 366

—. (*See* Winchell et al.), 357

ELLIOTT, HENRY W., AND WEISENGREEN, H. HENRY. Studies on the carotid sinus with reference to the syndrome of Ludwig's angina, 371

ELLIS, F. HENRY, JR., KIRKLIN, JOHN W., SWAN, H. J. C., DUSHANE, JAMES W., AND EDWARDS, JESSE E. Diagnosis and surgical treatment of common atrium (cor-triloculare-biventriculare), 160

EMERSON, GEORGE L. (*See* Schwartz et al.), 72

F

FABRIKANT, J. I. (*See* Anlyan et al.), 8

FALK, GERALD. (*See* LeVeen et al.), 728

FERGUSON, L. KRAEER. The diagnosis and management of bleeding from the "lower" intestine (Edit.), 352

FISHER, JOHN H. (*See* Swenson et al.), 690

FORREST, CLARENCE. (*See* Edwards), 298

FOSTER, JOHN H. (*See* Scott et al.), 445

FULLER, WM. F. (*See* Dineen et al.), 251

G

GARAMELLA, JOSEPH J., ANDERSEN, JAMES G., OROPEZA, RUBEN, VELOSA, ANGELO, SONG, KI TACK, HAY, LYLE J., AND NAIDU, R. Antifibrillatory agents and surgery tested by closed chest coronary occlusion in the pig, 292

GARDNER, BERNARD, AND BARONOFSKY, IVAN D. The massively bleeding duodenal ulcer with especial reference to crater, 389

GARTH, RUSSELL S. (*See* Werder et al.), 642

GAYLIS, H., CORVESE, WILLIAM P., LINTON, ROBERT R., AND SHAW, ROBERT S. The rate of healing of arterial autografts, 41

GEIS, ARTHUR F. (*See* Dines and Geis), 751

GENSINI, GOFFREDO G. (*See* Wittenstein et al.), 981

GERBODE, FRANK. Some experiences with intracardiac surgery, 1

GHERARDI, GHERARDO J. (*See* Swenson et al.), 690

GILCHRIST, R. K., AND PARROTT, JOHN. Spontaneous biliobronchial fistula formation following common duct obstruction, 403

GOLD, ERNEST. Iodide-induced goiter, 424

GOLDSTEIN, JAN. (*See* Moore and Goldstein), 899

GOLLUB, S., ULIN, A. W., WINCHELL, H. S., EHRLICH, E., AND WEISS, W. Hemorrhagic diathesis associated with massive transfusion, 204

—. WINCHELL, H. S., EHRLICH, E., AND ULIN, ALEX. Thrombocytopenia in massive transfusion, 366

—. (*See* Winchell et al.), 357

GONZALES, LUIS L. (*See* Helmsworth et al.), 129

GORMAN, W. C. (*See* Weisel and Gorman), 335

GRAY, STEPHEN W. (*See* Skandalakis et al.), 912

GREENMAN, ROBERT B. (*See* Brunschwig and Greenman), 240

GRIFFEN, WARD O., JR. (*See* Perry et al.), 937

GRIMES, ORVILLE F. Extrammary Paget's disease, 569

GROVES, LAURENCE K. (*See* Effler et al.), 149

—. (*See* Miller et al.), 1005

GROW, JOHN B. (*See* Wittenstein et al.), 981

GRYSKA, PAUL F. The development of atheroma in arteries subjected to experimental thromboendarterectomy, 655

GURDJIAN, E. S., WEBSTER, J. E., AND LINDNER, D. W. Experiences in the surgical management of tic douloureux, 264

H

HAMER, NEIL A. J. (*See* Dickson et al.), 288

HAMM, FRANK C., WEINBERG, SIDNEY R., AND WATERHOUSE, KEITH. Repair of the injured ureter, 575

HARBERG, F. JAMES. (*See* Collins et al.), 506

HARBISON, SAMUEL P., AND CLARE, DAVID W. The period of calm and multiple casualties (Edit.), 520

HARDAWAY, ROBERT M., AND CASTAGNO, JOSEPH L. Recurrent gastric hemorrhage due to idiopathic hemorrhagic gastritis which required total gastrectomy, 780

—, and MCKAY, DONALD G. Production of acute hemorrhagic pancreatitis in dogs by means of an episode of intravascular clotting in the pancreas, 557

HARDIN, CREIGHTON A. (*See* Werder et al.), 642

HAWK, W. A. (*See* Humphries et al.), 59

HAY, LYLE J. (*See* Garamella et al.), 292

HEAD, LOUIS R., JR. (*See* Mendelsohn et al.), 949

HELMSWORTH, JAMES A., SHABETAI, RALPH, COLE, WILLIAM R., NEELY, JAMES C., ALBERS, JOHN E., AND GONZALES, LUIS L. A method of cardiac bypass with autogenous oxygenators, 129

HEWITT, HOWARD. (*See* Sloan et al.), 138

HOFFMAN, MURRAY S. (*See* Wittenstein et al.), 981

HUMPHRIES, A. W., HAWK, W. A., DE WOLFE, V. G., AND LE FEVRE, F. A. Clinicopathologic observations on the fate of arterial freeze-dried homografts, 59

I

IKINS, PHILLIP M. (*See* Bugden et al.), 941

IRETON, RICHARD J., AND WATMAN, ROBERT N. A study of interstitial radiation of the dog's pancreas with radioactive colloidal gold (Au^{198}) preliminary to use in malignant diseases of the pancreas, 475

ISAACS, JAMES P. Sixty penetrating wounds of the heart, 696

J

JACKSON, DEBORAH A. (*See* Miller et al.), 310

JOHNSON, W. W. (*See* Crowell and Johnson), 432

JOLY, DANIEL. (*See* Lawrence et al.), 543

K

KAU, Q. Y. (*See* Shafiroff and Kau), 814

KAVEE, DAVID J. (*See* Zaroff et al.), 645

KAY, EARLE B. (*See* Mendelsohn et al.), 949

KELLY, KEITH H. (*See* Byron et al.), 634

KILLEN, DUNCAN A., LANCE, EDWARD M., AND OWENS, GUY. Relative suitability of Urokon 70 per cent and Hypaque 90 per cent for use as aortographic contrast media, 436
KIRBY, CHARLES K. (*See* McCaughan et al.), 648
KIRKLIN, JOHN W. (*See* Ellis et al.), 160
KIRTLEY, JAMES A. (*See* Scott et al.), 445
KLEIN, MICHAEL R. (*See* Marx et al.), 992
KNECHT, ALBERT T. (*See* Lindsey et al.), 602
—. (*See* Lindsey et al.), 617
KNECHT, ALBERT T., JR. (*See* Noyes et al.), 612
—. (*See* Wise et al.), 274
KOLFF, WILLEM J. (*See* Effler et al.), 149
—. (*See* Miller et al.), 1005
KRAUSE, RAYMOND J. (*See* Cranley et al.), 32
KREEL, ISIDORE. (*See* Zaroff et al.), 645
KRUMBACH, R. W., AND ANSELL, J. S. Partial resection of the right kidney and radical removal of the left kidney in a patient with bilateral hypernephroma, 585

L

LACERENZA, CHIARA. (*See* Pampari and Lacerenza), 470
LAMPHIER, TIMOTHY A., TIERNEY, THOMAS, WICKMAN, WILLIAM, AND SIEGEL, LEWIS. Vesicoenteric fistula formation complicating diverticulitis, 858
LANCE, EDWARD M. (*See* Killen et al.), 436
LANG, STANLEY. (*See* Serkes et al.), 623
LARGO, DONALD J., AND LUI, ALFRED H. F. Formation of subcutaneous tunnel in femoral arterial bypass operations, 663
LAURENSON, RAE D. (*See* Cowen and Laurenson), 321
LAVILLE, LOUIS P. (*See* Winblad et al.), 105
LAWRENCE, WALTER, JR., JOLY, DANIEL, AND BRASFIELD, RICHARD. A comparative study of various mechanisms of hepatic restoration in the rat, 543
LEE, ROBERT A. (*See* Mason et al.), 765
LEE, WILLIAM H., JR. (*See* Nunn et al.), 848
LE FEVRE, F. A. (*See* Humphries et al.), 59
LEVEEN, HARRY H., SCHATMAN, BENJAMIN, SALTZMAN, ERIC I., AND FALK, GERALD. Fluid absorption from the small intestines, 738
LEWIS, F. JOHN. (*See* Benvenuto and Lewis), 173
LILLEHEI, C. WALTON. (*See* Day and Lillehei), 487
LINDNER, D. W. (*See* Gurdjian et al.), 264
LINDSEY, DOUGLAS, WISE, HENRY M., JR., KNECHT, ALBERT T., AND NOYES, HOWARD E. The role of Clostridia in mortality following an experimental wound in the goat. I. Quantitative bacteriology, 602
—, —, —, and —. The role of Clostridia in mortality following an experimental wound in the goat. III. Effect of clostridial antitoxin in prolonging survival, 617
—. (*See* Noyes et al.), 612
LINTON, ROBERT R. (*See* Gaylis et al.), 41
LIPSCOMB, PAUL R. (*See* Anzel et al.), 406
LITMAN, MALCOLM. (*See* Marx et al.), 992
LITWIN, MARTIN S., SMITH, LOUIS L., AND MOORE, FRANCIS D. Metabolic alkalosis following massive transfusion, 805
LO, MEI-CHIAU. (*See* Ulm and Lo), 313
LONG, GRAYDON. (*See* Sloan et al.), 138
LUI, ALFRED H. F. (*See* Largo and Lui), 663
LULU, D. J. (*See* Shapiro et al.), 454
LYNCH, JOHN B. (*See* Wolma and Lynch), 796

M

MCCAUGHAN, J. J. Unfavorable results with Ivalon arterial grafts in dogs, 661
MCCAUGHAN, JAMES S., JR., MCMICHAEL, HARRISON, SCHUDER, JOHN C., AND KIRBY, CHARLES K. Ethylene oxide sterilization of a completely assembled vertical screen pump-oxygenator, 648
MCCLUSKEY, WILLIAM R. (*See* Pollock et al.), 324
MCCREDIE, JOHN A., AND DEPEYSTER, FREDERIC A. Effects of giving nitrogen mustard by different routes to rats receiving Walker 256 cells intraportally, intraperitoneally, and subcutaneously, 709
MCCUBBREY, DAVID, AND THIEME, THURSTON. In defense of the conservative treatment for acute cholecystitis with an evaluation of the risk, 930
MACDONALD, DOUGLAS W. (*See* Mendelsohn et al.), 949
MCDONALD, JOHN R. (*See* Pontius et al.), 852
MCELWAIN, JACK W. Primary fistulotomy in the treatment of anorectal abscesses, 945
MC GINNIS, LA MAR S. (*See* Singleton et al.), 665
MCGREGOR, D. D. (*See* McGregor and McGregor), 562
MCGREGOR, J. K., AND MCGREGOR, D. D. Paget's disease of the breast, 562
MCKAY, DONALD G. (*See* Hardaway and McKay), 557
MACKRELL, THOMAS N. (*See* Mendelsohn et al.), 949

McMichael, Harrison. (*See* McCaughan et al.), 648
McNamara, Dan G. (*See* Collins et al.), 506
McRae, Floyd W. (*See* Skandalakis et al.), 912
Macris, Allen. (*See* Skandalakis et al.), 912
Mahoney, Earle B. (*See* Schwartz et al.), 72
Mandelbaum, Isidore, and Radigan, Leo R. Spontaneous hemorrhagic rupture of the kidney associated with periarteritis nodosa, 787
Martin, J. D., Jr. In memoriam to Daniel Collier Elkin, 528
Marx, Thomas I., Litman, Malcolm, Miller, Don R., Allbritten, F. F., Jr., and Klein, Michael R. The impingement oxygenator, 992
Mason, Edward E., Lee, Robert A., Smith, James, and Dierks, Christa. A biochemical dissection of ischemic liver necrosis, 765
Mendelsohn, David, Jr., MacKrell, Thomas N., Macdonald, Douglas W., Nogueira, Cid, Head, Louis R., Jr., and Kay, Earle B. Management of the patient during open heart surgery, 949
Mestel, A. L. (*See* Trusler et al.), 328
Meyer, W. H., Jr., and Starzl, T. E. The effect of Eck and reverse Eck fistula in dogs with experimental diabetes mellitus, 760
—, and —. The reverse portacaval shunt, 531
Mieszczanski, Andrew W. The radical surgical treatment of the perforated gastric and duodenal ulcers (Edit.), 527
Miller, Don R. (*See* Marx et al.), 992
Miller, Edward W., Kolff, Willem F., and Groves, Laurence K. Experimental coronary artery surgery in dogs employing a pump-oxygenator, 1005
Miller, James A., Jr. (*See* Westin et al.), 868
Miller, Joseph M., Jackson, Deborah A., and Collier, Charles S. The inhibition of the coagulase of the Staphylococcus aureus by Congo red, 310
Mitchell, William E. (*See* Skandalakis et al.), 912
Moore, Andrew M. An aid in the application of pressure dressings, 688
Moore, Francis D. (*See* Litwin et al.), 805
Moore, Thomas C., and Goldstein, Jan. Use of intact omentum for closure of full-thickness esophageal defects, 899
Morris, Joe D. (*See* Sloan et al.), 138
Movitz, David. Dissecting aneurysm of the femoral and popliteal artery, 834
Muller, William H., Jr. (*See* Blanton et al.), 81
—. (*See* Vansant and Muller), 840

N

Naidu, R. (*See* Garamella et al.), 292
Nakayama, Komei. Statistical review of five-year survivals after surgery for carcinoma of the esophagus and cardiac portion of the stomach, 883
Neely, James C. (*See* Helmsworth et al.), 129
Nicolson, W. Perrin, Jr. (*See* Skandalakis et al.), 912
Noer, Rudolf J. Diverticulosis and diverticulitis (Edit.), 1029
Nogueira, Cid. (*See* Mendelsohn et al.), 949
Noyes, Howard E., Sherman, Roger, Wise, Henry M., Jr., Knecht, Albert T., Jr., and Lindsey, Douglas. The role of Clostridia in mortality following an experimental wound in the goat. II. Demonstration of toxic materials in wound exudate, 612
—. (*See* Lindsey et al.), 602
—. (*See* Lindsey et al.), 617
Nunn, Daniel D., Belisle, Charles A., Lee, William H., Jr., and Parker, Edward F. A comparative study of aortic occlusion alone and of potassium citrate arrest during cardiopulmonary bypass, 848
Nyberg, Rune. (*See* Westin et al.), 868

O

Ondash, Bernard S. (*See* Wise et al.), 274
Oropeza, Ruben. (*See* Garamella et al.), 292
Owens, Guy. (*See* Killen et al.), 436

P

Packard, George B., and Allen, R. Parker. Intussusception, 496
Palumbo, L. T. (*See* Shapiro et al.), 454
Pampari, Dino, and Lacerenza, Chiara. A case of neurofibroma of the intrathoracic vagus nerve in a woman with Recklinghausen's disease, 470
Panos, Theodore C., and Poth, Edgar J. Desmoid tumor of the abdominal wall: use of prednisone to prevent recurrence in a child, 777
Pareira, Morton D. (*See* Serkes et al.), 623
Parker, Edward F. (*See* Nunn et al.), 848

PARROTT, JOHN. (*See* Gilchrist and Parrott), 403

PEACOCK, ERLE E., JR. Some problems in flexor tendon healing, 415

PELTIER, LEONARD F. Eponymic fractures: Robert William Smith and Smith's fracture, 1035

PENCE, DWIGHT. (*See* Wise et al.), 274

PERRY, JOHN F., JR., SALMON, PETER, GRIFFEN, WARD O., JR., ROOT, HARLAN D., AND WANGENSTEEN, OWEN H. A simple technique for preparing vagally innervated gastric pouches in dogs, 937

PETROV, B. A. Retrosternal artificial esophagus from jejunum and colon, 890

PHELAN, JOHN T. Linear polyethylene, a new suture material for arterial anastomosis, 674

PLATT, RUDOLF. (See Reiner et al.), 820

POLLOCK, WILLIAM F., MCCLUSKEY, WILLIAM R., AND CANTWELL, KENNETH L. An unusual diagnostic sign in meconium peritonitis; vaginal drainage of meconium, 324

PONTIUS, JOHN G., CLAGETT, O. THERON, AND MCDONALD, JOHN R. Costal chondritis and perichondritis, 852

POTH, EDGAR J. (*See* Panos and Poth), 777

Q

QUAN, STUART H. Q. Cul-de-sac smears for cancer cells, 258

R

RADIGAN, LEO R. (*See* Mandelbaum and Radigan), 787

REEMTSMA, KEITH. (*See* Winblad et al.), 105

REINER, LEOPOLD, RODRIGUEZ, FELIX L., PLATT, RUDOLF, AND SCHLESINGER, MONROE J. Injection studies on the mesenteric arterial circulation. I. Technique and observations on collaterals, 820

RICHARDS, VICTOR. (*See* Connolly et al.), 181

ROBERTS, BROOKE. (*See* Shepard and Roberts), 118

ROBICSEK, FRANCIS. (*See* Sanger et al.), 344

ROCCO, ANGELO G. (*See* Veith and Rocco), 905

RODRIGUEZ, FELIX L. (*See* Reiner et al.), 820

ROND, PHILIP C. Psychiatric observations on fifty postgastrectomy patients, 729

ROOT, HARLAN D. (*See* Perry et al.), 937

ROSEMOND, GEORGE P. One oft-neglected factor related to wound healing (Edit.), 354

ROSVOLL, RANDI V. (*See* Winship and Rosvoll), 462

S

SACHS, LOUIS. A plastic prosthesis for palliating carcinoma of the esophagus, 377

SALMON, PETER. (*See* Perry et al.), 937

SALTZMAN, ERIC I. (*See* LeVeen et al.), 738

SAMSON, PAUL C. (*See* Connolly et al.), 181

SANGER, PAUL W., TAYLOR, FRED H., AND ROBICSEK, FRANCIS. The diagnosis and treatment of coronary arteriovenous fistula, 344

SAVLOV, EDWIN D. Effect of chlorpromazine on renal function and hemodynamics particularly during hemorrhagic hypotension, 229

SCHATMAN, BENJAMIN. (*See* LeVeen et al.), 738

SCHLESINGER, MONROE J. (*See* Reiner et al.), 820

SCHUDER, JOHN C. (*See* Cannard and Schuder), 467

—. (*See* McCaughan et al.), 648

SCHWARTZ, SEYMOUR I., BALES, HAROLD W., EMERSON, GEORGE L., AND MAHONEY, EARLE B. The use of intravenous Pituitrin in treatment of bleeding esophageal varices, 72

SCOTT, H. WILLIAM, JR., FOSTER, JOHN H., KIRTLEY, JAMES A., AND CARLSON, ROBERT I. Follow-up study of patients with arteriosclerotic aneurysm of the abdominal aorta treated by resection and freeze-dried homograft, 445

—. (*See* Cate and Scott), 19

SCOTT, JOHN E. S. The anatomy of the pelvic autonomic nervous system in cases of high imperforate anus, 1013

SENNING, ÅKE. Surgical correction of transposition of the great vessels, 966

SERKES, KENNETH D., LANG, STANLEY, AND PAREIRA, MORTON D. Efficacy of plasma and dextran compared to saline for fluid replacement following tourniquet shock, 623

SHABETAI, RALPH. (*See* Helmsworth et al.), 129

SHAFIROFF, B. G. P., AND KAU, Q. Y. Cannulation of the human thoracic lymph duct, 814

SHAPIRO, S. W., LULU, D. J., PALUMBO, L. T., COLON-BONET, J., AND VESPA, R. Iliac arteriography in conjunction with lumbar sympathectomy in peripheral vascular disease, 454

SHAW, ROBERT S. (*See* Gaylis et al.), 41

SHEPARD, RICHARD B., AND ROBERTS, BROOKE. The use of digital pulse recording in vascular disease, 118

SHERMAN, ROGER. (*See* Noyes et al.), 612

SHUMACKER, HARRIS B., JR. Surgical residency training and independent responsibility (Edit.), 1030

SICHER, NELLE. (*See* Serkes et al.), 623
SIEGEL, LEWIS. (*See* Lamphier et al.), 858
SINGH, BAWA. (*See* Byron et al.), 634
SINGLETON, A. O., JR., MC GINNIS, LA MAR S., AND EASON, H. R. Arteritis following correction of coarctation of the aorta, 665
SKANDALAKIS, JOHN E., GRAY, STEPHEN W., MACRIS, ALLEN, MITCHELL, WILLIAM E., NICOLSON, W. PERRIN, JR., AND MCRAE, FLOYD W. Carcinoma of the breast, 912
SLOAN, HERBERT, MORRIS, JOE D., VANDERWOUDE, RIENTS, HEWITT, HOWARD, AND LONG, GRAYDON. Clinical experience with a rotating disc oxygenator, 138
SMITH, JAMES. (*See* Mason et al.), 765
SMITH, LOUIS L. (*See* Litwin et al.), 805
SNEIERSON, HYMAN, CUNNINGHAM, JOHN R., AND ARTUSO, DOMINICK A. Granulomas and sinuses secondary to permanent implantation of braided wire alloy sutures in tissues, 552
SOLTERO, LUIS R. (*See* Collins et al.), 506
SONG, KI TACK. (*See* Garamella et al.), 292
STARZL, T. E. (*See* Meyer and Starzl), 531
—. (*See* Meyer and Starzl), 760
STEPHENS, C. A. (*See* Trusler et al.), 328
STRAEHLEY, CLIFFORD J., JR. (*See* Bugden et al.), 941
STRASSER, EDWARD S. (*See* Cranley et al.), 32
SWAN, H. J. C. (*See* Ellis et al.), 160
SWENSON, ORVAR, FISHER, JOHN H., AND GHERARDI, GHERARDO J. Rectal biopsy in the diagnosis of Hirschsprung's disease, 690

T

TAYLOR, FRED H. (*See* Sanger et al.), 344
THIEME, THURSTON. (*See* McCubbrey and Thieme), 930
THOMPSON, HOWARD T. Problems in the diagnosis and treatment of ectopic ureteral orifices, 593
TIERNEY, THOMAS. (*See* Lamphier et al.), 858
TRUMBO, R. B. (*See* Anlyan et al.), 8
TRUSLER, G. A., MESTEL, A. L., AND STEPHENS, C. A. Colon malformation with imperforate anus, 328
TURELL, ROBERT. Sigmoidoscopy and biopsy (Edit.), 880

U

ULIN, A. W. (*See* Gollub et al.), 204
—. (*See* Winchell et al.), 357
—. (*See* Gollub et al.), 366
ULM, AARON HARDY, AND LO, MEI-CHIAU. Total bilateral polyvinyl ureteral substitutes in the dog, 313

V

VANDERWOUDE, RIENTS (*See* Sloan et al.), 38
VANSANT, JOHN H., AND MULLER, WILLIAM H., JR. Experimental evaluation of internal mammary artery ligation as a method of myocardial revascularization, 840
VEITH, FRANK J., AND ROCCO, ANGELO G. Evaluation of respiratory function in surgical patients: importance in preoperative preparation and in the prediction of pulmonary complications, 905
VELOSA, ANGELO. (*See* Garamella et al.), 292
VERNHET, JEAN L. (*See* Winblad et al.), 105
VESPA, R. (*See* Shapiro et al.), 454

W

WAIBEL, PETER. (*See* Edwards), 298
WANGENSTEEN, OWEN H. (*See* Perry et al.), 937
WARREN, W. DEAN. (*See* Blanton et al.), 81
WATERHOUSE, KEITH. (*See* Hamm et al.), 575
WATMAN, ROBERT N. (*See* Ireton and Watman), 475
WEBSTER, J. E. (*See* Gurdjian et al.), 264
WEDENBERG, ERIK. (*See* Westin et al.), 868
WEINBERG, SIDNEY R. (*See* Hamm et al.), 575
WEINER, ALAN D. (*See* Anzel et al.), 406
WEISEL, WILSON, AND GORMAN, W. C. Acute thoracic emergencies in infants and children with staphylococcic pneumonias, 335
WEISENGREEN, H. HENRY. (*See* Elliott and Weisengreen), 371
WEISS, W. (*See* Gollub et al.), 204
WELLS, LEMEN J. (*See* Downey and Wells), 715
WENSEL, R. H., AND BIGELOW, W. G. The use of heparin to minimize thrombocytopenia and bleeding tendency during hypothermia, 223
WERDER, ALVAR A., HARDIN, CREIGHTON A., AND GARTH, RUSSELL S. Enhancement of methylcholanthrene carcinogenesis by distant surgical trauma, 642
WESTIN, BJÖRN, MILLER, JAMES A., JR., NYBERG, RUNE, AND WEDENBERG, ERIK. Neonatal asphyxia pallida treated with hypothermia alone or with hypothermia and transfusion of oxygenated blood, 868
WHITTEMBURY, GUILLERMO. (See Cáceres and Whittembury), 681

WICKMAN, WILLIAM. (*See* Lamphier et al.), 858
WINBLAD, JAMES N., REEMTSMA, KEITH, VERNHET, JEAN L., LAVILLE, LOUIS P., AND CREECH, OSCAR, JR. Etiologic mechanisms in the development of collateral circulation, 105
WINCHELL, H. S., GOLLUB, S., EHRLICH, E., AND ULIN, A. W. Thrombocytopenia and hypocalcemia, 357
—. (*See* Gollub et al.), 204
—. (*See* Gollub et al.), 366
WINSHIP, THEODORE, AND ROSVOLL, RANDI V. Frozen sections, 462
WISE, HENRY M., JR., KNECHT, ALBERT T., JR., PENCE, DWIGHT, AND ONDASH, BERNARD S. Observations of the function of the liver in experimental traumatic shock, 274
—. (*See* Lindsey et al.), 602
—. (*See* Lindsey et al.), 617
—. (*See* Noyes et al.), 612
WITTENSTEIN, GEORGE J., GROW, JOHN B., HOFFMAN, MURRAY S., GENSINI, GOFFREDO G., AND DENST, JOHN. "Myxoma" of the left atrium simulating pure mitral insufficiency, 981
WOLMA, FRED J., JR., AND LYNCH, JOHN B. Postoperative complications due to Staphylococcus aureus, 796

Z

ZAROFF, LAWRENCE I., KREEL, ISIDORE, KAVEE, DAVID J., AND BARONOFSKY, IVAN D. Mechanical failure during extracorporeal circulation, 645

Subject Index*

A

Abdominal aorta, arteriosclerotic aneurysm of, treated by resection and freeze-dried homograft, follow-up study of patients with (Scott et al.), 445
wall, desmoid tumor of: use of prednisone to prevent recurrence in child (Panos and Poth), 777

Abscesses, anorectal, primary fistulotomy in treatment of (McElwain), 945

Absorption of fluid from small intestines (LeVeen et al.), 738

Alkalosis, metabolic, following massive transfusion (Litwin et al.), 805

Amylase activity of abdominal fluid in dogs with complete small bowel obstruction (Boyd and Byrne), 742

Anastomoses, interarterial intercoronary, left atrial pulmonary artery shunt to encourage development of: experimental basis for new operation for coronary artery disease (Day and Lillehei), 487

Anastomosis, arterial, linear polyethylene as new suture material for (Phelan), 674
between superior vena cava and right atrium, new technique and new application of (Benvenuto and Lewis), 173
common bile duct (Atik et al.), 535
end-to-end, new technique in repair of injured ureter (Hamm et al.), 575

Anatomy, pathologic, of pulmonary arteriovenous aneurysms, analysis of, with particular reference to applicability of local excision (Bosher et al.), 91
of pelvic autonomic nervous system in cases of high imperforate anus (Scott), 1013

Aneurysm, arteriosclerotic, of abdominal aorta, treated by resection and freeze-dried homograft, follow-up study of patients with (Scott et al.), 445
dissecting, of femoral and popliteal artery (Movitz), 834

Aneurysms of aorta, dissecting, experimental production of (Blanton et al.), 81
pulmonary arteriovenous, analysis of pathologic anatomy of, with particular reference to applicability of local excision (Bosher et al.), 91

Angiography, coronary, studies in (Anlyan et al.), 8

Anorectal abscesses, primary fistulotomy in treatment of (McElwain), 945

Antifibrillatory agents and surgery tested by closed chest coronary occlusion in the pig (Garamella et al.), 292

Anus, high imperforate, anatomy of pelvic autonomic nervous system in cases of (Scott), 1013
imperforate, colon malformation with (Trusler et al.), 328

Aorta, abdominal, arteriosclerotic aneurysm of, treated by resection and freeze-dried homograft, follow-up study of patients with (Scott et al.), 445
coarctation of, arteritis following correction of (Singleton et al.), 665
dissecting aneurysms of, experimental production of (Blanton et al.), 81

Aortic and mitral valvular stenosis, acquired, direct vision surgery of, under hypothermia (Connolly et al.), 181
occlusion alone and potassium citrate arrest during cardiopulmonary bypass, comparative study of (Nunn et al.), 848

Aortographic contrast media, relative suitability of Urokon 70 per cent and Hypaque 90 per cent for use as (Killen et al.), 436

Arrest, circulatory, role of hematocrit ratio in (Crowell and Johnson), 432

Arterial anastomosis, linear polyethylene as new suture material for (Phelan), 674
autografts, rate of healing of (Gaylis et al.), 41
bypass operations, femoral, formation of subcutaneous tunnel in (Largo and Lui), 663

*January, pp. 1-180; February, pp. 181-356; March, pp. 357-530; April, pp. 531-708; May, pp. 709-882; June, pp. 883-1062.

Arterial—Cont'd
circulation, mesenteric, injection studies on: I. Technique and observations on collaterals (Reiner et al.), 820
disease, obliterative, limb survival with and without definitive surgical treatment in (Cranley et al.), 32
freeze-dried homografts, clinicopathologic observations on fate of (Humphries et al.), 59
grafts, Ivalon, in dogs, unfavorable results with (McCaughan), 661
Arteries subjected to experimental thromboendarterectomy, development of atheroma in (Gryska), 655
Arteriography, iliac, in conjunction with lumbar sympathectomy in peripheral vascular disease (Shapiro et al.), 454
Arteriosclerotic aneurysm of abdominal aorta treated by resection and freeze-dried homograft, follow-up study of patients with (Scott et al.), 445
Arteriovenous aneurysms, pulmonary, analysis of pathologic anatomy of, with particular reference to applicability of local excision (Bosher et al.), 91
fistula, coronary, diagnosis and treatment of (Sanger et al.), 344
Arteritis following correction of coarctation of aorta (Singleton et al.), 665
Asphyxia pallida, neonatal, treated with hypothermia alone or with hypothermia and transfusion of oxygenated blood (Westin et al.), 868
Atheroma, development in arteries subjected to experimental thromboendarterectomy (Gryska), 655
Atrium, common (cor triloculare-biventriculare), diagnosis and surgical treatment of (Ellis et al.), 160
left, myxoma of, simulating pure mitral insufficiency (Wittenstein et al.), 981
right, and superior vena cava, anastomosis between, new technique and new application of (Benvenuto and Lewis), 173
Au^{198} (radioactive colloidal gold), interstitial radiation of dog's pancreas with, preliminary to use in malignant diseases of pancreas (Ireton and Watman), 475
Autogenous oxygenation, method of cardiac bypass with (Helmsworth et al.), 129
skin grafts, application to gastric wall (Dineen et al.), 251
Autografts, arterial, rate of healing of (Gaylis et al.), 41
Autonomic nervous system, pelvic, anatomy of, in cases of high imperforate anus (Scott), 1013

B

Bilateral hypernephroma, partial resection of right kidney and radical removal of left kidney in patient with (Krumbach and Ansell), 585
Bile duct, common, anastomosis (Atik et al.), 535
Biliobronchial fistula formation, spontaneous, following common duct obstruction (Gilchrist and Parrott), 403
Biochemical dissection of ischemic liver necrosis (Mason et al.), 765
Biopsy, rectal, in diagnosis of Hirschsprung's disease (Swenson et al.), 690
sigmoidoscopy and (Edit.), 880
Bladder substitution, urinary diversion with (Brunschwig and Greenman), 240
Bleeding, abnormal, mechanism of production of thrombocytopenia in massive transfusion and evaluation of role in producing (Gollub et al.), 366
significance of thrombocytopenia and hypocalcemia in (Winchell et al.), 357
duodenal ulcer, massively, with especial reference to crater (Gardner and Baronofsky), 389
esophageal varices, use of intravenous Pituitrin in treatment of (Schwartz et al.), 72
from "lower" intestine, diagnosis and management of (Edit.), 352
tendency, thrombocytopenia and, during hypothermia, use of heparin to minimize (Wensel and Bigelow), 223
Blood losses during surgical operations, evaluation of (Cáceres and Whittembury), 681
oxygenation, impingement oxygenator for (Marx et al.), 992
transfusion, massive, metabolic alkalosis following (Litwin et al.), 805
Book review, 356
Braided wire alloy sutures in tissues, granulomas and sinuses secondary to permanent implantation of (Sneierson et al.), 552
Breast, carcinoma of (Skandalakis et al.), 912
Paget's disease of (McGregor and McGregor), 562
Bypass, cardiac, with autogenous oxygenation, method of (Helmsworth et al.), 129
operations, femoral arterial, formation of subcutaneous tunnel in (Largo and Lui), 663

C

Cancer cells, cul-de-sac smears for (Quan), 258
Cannulation of human thoracic lymph duct (Shafiroff and Kau), 814
Carcinogenesis, methylcholanthrene, enhancement by distant surgical trauma (Werder et al.), 642
Carcinoma of breast (Skandalakis et al.), 912
of esophagus and cardiac portion of stomach, five-year survivals after surgery for, statistical review (Nakayama), 883
plastic prosthesis for palliating (Sachs), 377
Cardiac arrest with potassium citrate and aortic occlusion alone during cardiopulmonary bypass, comparative study of (Nunn et al.), 848
bypass with autogenous oxygenation, method of (Helmsworth et al.), 129
portion of stomach, carcinoma of, esophagus and, five-year survivals after surgery for, statistical review (Nakayama), 883
surgery in newborn (Collins et al.), 506
Cardiopulmonary bypass, comparative study of aortic occlusion alone and of potassium citrate arrest during (Nunn et al.), 848
Carotid sinus studies with reference to syndrome of Ludwig's angina (Elliott and Weisengreen), 371
Casualties, multiple, period of calm and (Edit.), 520
Cerebral ischemia of central origin; relief by subclavian-vertebral artery thromboendarterectomy (Cate and Scott), 19
Child, prednisone to prevent recurrence of desmoid tumor of abdominal wall in (Panos and Poth), 777
Chlorpromazine, effect on renal function and hemodynamics particularly during hemorrhagic hypotension (Savlov), 229
Cholecystitis, acute, conservative treatment for, with evaluation of risk (McCubbrey and Thieme), 930
Chondritis, costal, and perichondritis (Pontius et al.), 852
Circulation, collateral, etiologic mechanisms in development of (Winblad et al.), 105
extracorporeal, mechanical failure during: method for prevention (Zaroff et al.), 645
mesenteric arterial, injection studies on: I. Technique and observations on collaterals (Reiner et al.), 820
Circulatory arrest, role of hematocrit ratio in (Crowell and Johnson), 432
Clinical experience with rotating disc oxygenator (Sloan et al.), 138
Clinicopathologic observations on fate of arterial freeze-dried homografts (Humphries et al.), 59
Closed chest coronary occlusion in the pig, antifibrillatory agents and surgery tested by (Garamella et al.), 292
loop intestinal obstruction in dogs, experimentally produced (Dines and Geis), 751
Clostridia, role in mortality following experimental wound in the goat: I. Quantitative bacteriology (Lindsey et al.), 602
II. Demonstration of toxic materials in wound exudate (Noyes et al.), 612
III. Effect of clostridial antitoxin in prolonging survival (Lindsey et al.), 617
Clotting, intravascular, in pancreas, production of acute hemorrhagic pancreatitis in dogs by episode of (Hardaway and McKay), 557
Coagulase of Staphylococcus aureus, inhibition by Congo red (Miller et al.), 310
Coarctation of aorta, arteritis following correction of (Singleton et al.), 665
Collateral circulation, etiologic mechanisms in development of (Winblad et al.), 105
Colon, jejunum and, retrosternal artificial esophagus from (Petrov), 890
malformation with imperforate anus (Trusler et al.), 328
Common atrium (cor triloculare-biventriculare), diagnosis and surgical treatment of (Ellis et al.), 160
bile duct anastomosis (Atik et al.), 535
duct obstruction, spontaneous biliobronchial fistula formation following (Gilchrist and Parrott), 403
Complications peculiar to open heart surgery (Effler et al.), 149
Congo red, inhibition of coagulase of Staphylococcus aureus by (Miller et al.), 310
Conservative treatment for acute cholecystitis with evaluation of risk (McCubbrey and Thieme), 930
Contrast media, aortographic, relative suitability of Urokon 70 per cent and Hypaque 90 per cent for use as (Killen et al.), 436
Cor triloculare-biventriculare (common atrium), diagnosis and surgical treatment of (Ellis et al.), 160
Coronary angiography, studies in (Anlyan et al.), 8
arteriovenous fistula, diagnosis and treatment of (Sanger et al.), 344

Coronary—Cont'd
artery disease, experimental basis for new operation for: left atrial-pulmonary artery shunt to encourage development of interarterial intercoronary anastomoses (Day and Lillehei), 487
surgery in dogs, experimental, employing pump-oxygenator (Miller et al.), 1005
occlusion, closed chest, in the pig, antifibrillatory agents and surgery tested by (Garamella et al.), 292
Costal chondritis and perichondritis (Pontius et al.), 852
Crater, massively bleeding duodenal ulcer with especial reference to (Gardner and Baronofsky), 389
Crimped graft of Teflon, improved—progress in synthetic graft development (Edwards), 298
Cul-de-sac smears for cancer cells (Quan), 258

D

Dehiscence, wound, postoperative, oft-neglected factor in wound healing (Edit.), 354
Dentistry for children (B. rev.), 356
Desmoid tumor of abdominal wall: use of prednisone to prevent recurrence in child (Panos and Poth), 777
Dextran, plasma and, efficacy of, compared to saline for fluid replacement following tourniquet shock (Serkes et al.), 623
Diabetes mellitus in dogs, experimental, effect of Eck and reverse Eck fistula in (Meyer and Starzl), 760
Diagnosis and management of bleeding from "lower" intestine (Edit.), 352
and surgical treatment of common atrium (cor triloculare-biventriculare) (Ellis et al.), 160
and treatment of coronary arteriovenous fistula (Sanger et al.), 344
Diagnostic sign, unusual, in meconium peritonitis: vaginal drainage of meconium (Pollock et al.), 324
Digital pulse recording in vascular disease, use of (Shepard and Roberts), 118
Direct vision surgery of acquired aortic and mitral valvular stenosis under hypothermia (Connolly et al.), 181
Disc oxygenator, rotating, clinical experience with (Sloan et al.), 138
Disruption of muscles and tendons (Anzel et al.), 406
Dissecting aneurysm of femoral and popliteal artery (Movitz), 834
aneurysms of aorta, experimental production of (Blanton et al.), 81
Dissection, biochemical, of ischemic liver necrosis (Mason et al.), 765
Diverticulitis, diverticulosis and (Edit.), 1029
vesicoenteric fistula formation complicating (Lamphier et al.), 858
Diverticulosis and diverticulitis (Edit.), 1029
Dogs with complete small bowel obstruction, amylase activity of abdominal fluid in (Boyd and Byrne), 742
with diabetes mellitus, experimental, effect of Eck and reverse Eck fistula in (Meyer and Starzl), 760
experimental coronary artery surgery in, employing pump-oxygenator (Miller et al.), 1005
experimentally produced closed loop intestinal obstruction in (Dines and Geis), 751
Duodenal ulcer, massively bleeding, with especial reference to crater (Gardner and Baronofsky), 389
patients, fifty postgastrectomy, psychiatric observations on (Rond), 729

E

Eck and reverse Eck fistula, effect in dogs with experimental diabetes mellitus (Meyer and Starzl), 760
Ectopic ureteral orifices, problems in diagnosis and treatment of (Thompson), 593
Electrocardiogram monitor, simple, for operating room (Cannard and Schuder), 467
Elkin, Daniel Collier, in memoriam, 528
Embolism, pulmonary, and venous thrombosis, management of (Barker), 198
Eponymic fractures: Robert William Smith and Smith's fracture (Peltier), 1035
Esophageal defects, full-thickness, use of intact omentum for closure of (Moore and Goldstein), 899
varices, bleeding, use of intravenous Pituitrin in treatment of (Schwartz et al.), 72
Esophagus, carcinoma of, plastic prosthesis for palliating (Sachs), 377
and cardiac portion of stomach, carcinoma of, five-year survivals after surgery for, statistical review (Nakayama), 883
retrosternal artificial, from jejunum and colon (Petrov), 890
Ethylene oxide sterilization of completely assembled vertical screen pump-oxygenator (McCaughan et al.), 648

Etiologic mechanisms in development of collateral circulation (Winblad et al.), 105
Excision, local, of pulmonary arteriovenous aneurysms, analysis of pathologic anatomy with particular reference to (Bosher et al.), 91
Experimental production of dissecting aneurysms of aorta (Blanton et al.), 81
traumatic shock, function of liver in, observations of (Wise et al.), 274
Extracorporeal circulation, mechanical failure during: method for prevention (Zaroff et al.), 645
Extramammary Paget's disease (Grimes), 569

F

Femoral arterial bypass operations, formation of subcutaneous tunnel in (Largo and Lui), 663
and popliteal artery, dissecting aneurysm of (Movitz), 834
Fetus of rabbit, technique of operating upon (Cowen and Laurenson), 321
Fistula, coronary arteriovenous, diagnosis and treatment of (Sanger et al.), 344
Eck and reverse Eck, effect in dogs with experimental diabetes mellitus (Meyer and Starzl), 760
formation, spontaneous biliobronchial, following common duct obstruction (Gilchrist and Parrott), 403
vesicoenteric, complicating diverticulitis (Lamphier et al.), 858
Fistulotomy, primary, in treatment of anorectal abscesses (McElwain), 945
Flexor tendon healing, some problems in (Peacock), 415
Fluid absorption from small intestines (LeVeen et al.), 738
replacement following tourniquet shock, efficacy of plasma and dextran compared to saline for (Serkes et al.), 623
Fracture, Smith's, Robert William Smith and: eponymic fractures (Peltier), 1035
Fractures, eponymic: Robert William Smith and Smith's fracture (Peltier), 1035
Freeze-dried homografts, arterial, clinicopathologic observations on fate of (Humphries et al.), 59
resection and, in treatment of patients with arteriosclerotic aneurysm of abdominal aorta, follow-up study (Scott et al.), 445
Frozen sections (Winship and Rosvoll), 462
Furuncles as postoperative complication due to Staphylococcus aureus (Wolma and Lynch), 797

G

Gastrectomy, total, required by idiopathic hemorrhagic gastritis, recurrent gastric hemorrhage due to (Hardaway and Castagno), 780
Gastric hemorrhage, recurrent, due to idiopathic hemorrhagic gastritis which required total gastrectomy (Hardaway and Castagno), 780
pouches, vagally innervated, in dogs, simple technique for preparing (Perry et al.), 937
wall, application of autogenous skin grafts to (Dineen et al.), 251
Giant cells, formation of, as reaction of great omentum of rat to pipe tobacco tar (Downey and Wells), 715
Goat, role of Clostridia in mortality following experimental wound in: I. Quantitative bacteriology (Lindsey et al.), 602
II. Demonstration of toxic materials in wound exudate (Noyes et al.), 612
III. Effect of clostridial antitoxin in prolonging survival (Lindsey et al.), 617
Goiter, iodide-induced (Gold), 424
posterior mediastinal, two cases and their management (Bugden et al.), 941
Gold, radioactive colloidal (Au^{198}), interstitial radiation of dog's pancreas with, preliminary to use in malignant diseases of pancreas (Ireton and Watman), 475
Graft, synthetic, progress in development of—improved crimped graft of Teflon (Edwards), 298
Grafts, arterial, Ivalon, in dogs, unfavorable results with (McCaughan), 661
skin, autogenous, application to gastric wall (Dineen et al.), 251
Granulomas and sinuses secondary to permanent implantation of braided wire alloy sutures in tissues (Sneierson et al.), 552
Gravimetric method compared with blood volume determination in evaluating blood losses during surgical operations (Cáceres and Whittembury), 681
Great vessels, transposition of, surgical correction of (Senning), 966

H

Healing of flexor tendons, some problems in (Peacock), 415
rate of arterial autografts (Gaylis et al.), 41
wound, oft-neglected factor related to (Edit.), 354

Heart, sixty penetrating wounds of (Isaacs), 696
surgery, open, complications peculiar to (Effler et al.), 149
patient management during (Mendelsohn et al.), 949
Hematocrit ratio, role in circulatory arrest (Crowell and Johnson), 432
Hemorrhage, gastric, recurrent, due to idiopathic hemorrhagic gastritis which required total gastrectomy (Hardaway and Castagno), 780
Hemorrhagic diathesis associated with massive transfusion (Gollub et al.), 204
hypotension, effect of chlorpromazine on renal function and hemodynamics during (Savlov), 229
pancreatitis in dogs, acute, production by means of episode of intravascular clotting in pancreas (Hardaway and McKay), 557
rupture of kidney, spontaneous, associated with periarteritis nodosa (Mandelbaum and Radigan), 787
Heparin used to minimize thrombocytopenia and bleeding tendency during hypothermia (Wensel and Bigelow), 223
Hepatic restoration in rat, various mechanisms of, comparative study (Lawrence et al.), 543
Hirschsprung's disease, rectal biopsy in diagnosis of (Swenson et al.), 690
Homograft, freeze-dried, resection and, in treatment of patients with arteriosclerotic aneurysm of abdominal aorta, follow-up study (Scott et al.), 445
Homografts, arterial freeze-dried, clinicopathologic observations on fate of (Humphries et al.), 59
Hospital-Acquired Staphylococcal Disease, National Conference on, report of (Edit.), 522
Hypaque 90 per cent and Urokon 70 per cent, relative suitability for use as aortographic contrast media (Killen et al.), 436
Hypernephroma, bilateral, partial resection of right kidney and radical removal of left kidney in patient with (Krumbach and Ansell), 585
Hypocalcemia, thrombocytopenia and; new method for production in dogs and evaluation of significance in abnormal bleeding (Winchell et al.), 357
Hypotension, hemorrhagic, effect of chlorpromazine on renal function and hemodynamics during (Savlov), 229
Hypothermia, direct vision surgery of acquired aortic and mitral valvular stenosis under (Connolly et al.), 181
Hypothermia—Cont'd
and transfusion of oxygenated blood in treatment of neonatal asphyxia pallida (Westin et al.), 868
use of heparin to minimize thrombocytopenia and bleeding tendency during (Wensel and Bigelow), 223

I

Idiopathic hemorrhagic gastritis which required total gastrectomy, recurrent gastric hemorrhage due to (Hardaway and Castagno), 780
Iliac arteriography in conjunction with lumbar sympathectomy in peripheral vascular disease (Shapiro et al.), 454
Imperforate anus, colon malformation with (Trusler et al.), 328
high, anatomy of pelvic autonomic nervous system in cases of (Scott), 1013
Impingement oxygenator, experimental study of new method of blood oxygenation (Marx et al.), 992
In memoriam: Daniel Collier Elkin, 528
Inhibition of coagulase of Staphylococcus aureus by Congo red (Miller et al.), 310
Injection studies on mesenteric arterial circulation. I. Technique and observations on collaterals (Reiner et al.), 820
Injured ureter, repair of: new technique for end-to-end anastomosis (Hamm et al.), 575
Intact omentum for closure of full-thickness esophageal defects (Moore and Goldstein), 899
Interarterial intercoronary anastomoses, left atrial-pulmonary artery shunt to encourage development of: experimental basis for new operation for coronary artery disease (Day and Lillehei), 487
Internal mammary artery ligation as method of myocardial revascularization, experimental evaluation of (Vansant and Muller), 840
Interstitial radiation of dog's pancreas with radioactive colloidal gold (Au^{198}) preliminary to use in malignant diseases of pancreas (Ireton and Watman), 475
Intestinal obstruction in dogs, closed loop, experimentally produced (Dines and Geis), 751
experimental, serum amylase levels in (Boyd and Byrne), 742
Intestine, "lower," diagnosis and management of bleeding from (Edit.), 352
Intestines, small, fluid absorption from (LeVeen et al.), 738

Intra-aortic nitrogen mustard therapy in advanced pelvic malignancies (Byron et al.), 634
Intracardiac surgery, experiences with (Gerbode), 1
Intrathoracic vagus nerve, neurofibroma of, in woman with Recklinghausen's disease (Pampari and Lacerenza), 470
Intravascular clotting in pancreas, production of acute hemorrhagic pancreatitis in dogs by means of episode of (Hardaway and McKay), 557
Intravenous Pituitrin in treatment of bleeding esophageal varices, use of (Schwartz et al.), 72
Intussusception (Packard and Allen), 496
Iodide-induced goiter (Gold), 424
Ischemia, cerebral, of central origin; relief by subclavian-vertebral artery thromboendarterectomy (Cate and Scott), 19
Ischemic liver necrosis, biochemical dissection of (Mason et al.), 765
Ivalon arterial grafts in dogs, unfavorable results with (McCaughan), 661

J

Jejunum and colon, retrosternal artificial esophagus from (Petrov), 890

K

Kidney, partial resection of right, and radical removal of left, in patient with bilateral hypernephroma (Krumbach and Ansell), 585
spontaneous hemorrhagic rupture of, associated with periarteritis nodosa (Mandelbaum and Radigan), 787

L

Ligation of internal mammary artery as method of myocardial revascularization, experimental evaluation of (Vansant and Muller), 840
Limb survival with and without definitive surgical treatment in obliterative arterial disease (Cranley et al.), 32
Linear polyethylene, new suture material for arterial anastomosis (Phelan), 674
Liver function in experimental traumatic shock, observations of (Wise et al.), 274
necrosis, ischemic, biochemical dissection of (Mason et al.), 765
restoration in rat, various mechanisms of, comparative study (Lawrence et al.), 543
Local excision of pulmonary arteriovenous aneurysms, analysis of pathologic anatomy with particular reference to (Bosher et al.), 91
Ludwig's angina, syndrome of, studies on carotid sinus with reference to (Elliott and Weisengreen), 371
Lumbar sympathectomy in peripheral vascular disease, iliac arteriography in conjunction with (Shapiro et al.), 454
Lymph duct, thoracic, human, cannulation of (Shafiroff and Kau), 814

M

Malformation, colon, with imperforate anus (Trusler et al.), 328
Malignancies, pelvic, advanced, intra-aortic nitrogen mustard therapy in (Byron et al.), 634
Malignant diseases of pancreas, interstitial radiation of dog's pancreas with radioactive colloidal gold (Au^{198}) preliminary to use in (Ireton and Watman), 475
Mammary artery, internal, ligation as method of myocardial revascularization, experimental evaluation of (Vansant and Muller), 840
Massive transfusion, hemorrhagic diathesis associated with (Gollub et al.), 204
metabolic alkalosis following (Litwin et al.), 805
thrombocytopenia in (Gollub et al.), 366
Massively bleeding duodenal ulcer with especial reference to crater (Gardner and Baronofsky), 389
Mechanical failure during extracorporeal circulation: method for prevention (Zaroff et al.), 645
Mechanisms, etiologic, in development of collateral circulation (Winblad et al.), 105
Meconium peritonitis, unusual diagnostic sign in: vaginal drainage of meconium (Pollock et al.), 324
Mediastinal goiter, posterior, two cases and their management (Bugden et al.), 941
Mesenteric arterial circulation, injection studies on. I. Technique and observations on collaterals (Reiner et al.), 820
Metabolic alkalosis following massive transfusion (Litwin et al.), 805
Methylcholanthrene carcinogenesis, enhancement by distant surgical trauma (Werder et al.), 642
Mitral and aortic valvular stenosis, acquired, direct vision surgery of, under hypothermia (Connolly et al.), 181

Mitral—Cont'd
insufficiency, pure, myxoma of left atrium simulating (Wittenstein et al.), 981
Monitor, electrocardiogram, simple, for operating room (Cannard and Schuder), 467
Mortality, role of Clostridia in, following experimental wound in the goat. I. Quantitative bacteriology (Lindsey et al.), 602
II. Demonstration of toxic materials in wound exudate (Noyes et al.), 612
III. Effect of clostridial antitoxin in prolonging survival (Lindsey et al.), 617
Multiple casualties, period of calm and (Edit.), 520
Muscles and tendons, disruption of (Anzel et al.), 406
Myocardial revascularization, experimental evaluation of internal mammary artery ligation as method of (Vansant and Muller), 840
Myxoma of left atrium simulating pure mitral insufficiency (Wittenstein et al.), 981

N

National Conference on Hospital-Acquired Staphylococcal Disease, report of (Edit.), 522
Necrosis, liver, ischemic, biochemical dissection of (Mason et al.), 765
Neonatal asphyxia pallida treated with hypothermia alone or with hypothermia and transfusion of oxygenated blood (Westin et al.), 868
Neurofibroma of intrathoracic vagus nerve in woman with Recklinghausen's disease (Pampari and Lacerenza), 470
Newborn, cardiac surgery in (Collins et al.), 506
Nitrogen mustard given by different routes to rats receiving Walker 256 cells intraportally, intraperitoneally, and subcutaneously, effects of (McCredie and dePeyster), 709
therapy, intra-aortic, in advanced pelvic malignancies (Byron et al.), 634

O

Obliterative arterial disease, limb survival with and without definitive surgical treatment in (Cranley et al.), 32
Obstruction, common duct, spontaneous biliobronchial fistula formation following (Gilchrist and Parrott), 403
Obstruction—Cont'd
intestinal, in dogs, closed loop, experimentally produced (Dines and Geis), 751
experimental, serum amylase levels in (Boyd and Byrne), 742
Omentum, great, of rat, reaction to pipe tobacco tar including formation of giant cells (Downey and Wells), 715
intact, for closure of full-thickness esophageal defects (Moore and Goldstein), 899
Open heart surgery, complications peculiar to (Effler et al.), 149
patient management during (Mendelsohn et al.), 949
Operating room electrocardiogram monitor, simple (Cannard and Schuder), 467
Operation upon fetus of rabbit, technique of (Cowen and Laurenson), 321
Operations, surgical, evaluation of blood losses during (Cáceres and Whittembury), 681
Oxygenation, autogenous, method of cardiac bypass with (Helmsworth et al.), 129
Oxygenator, impingement, experimental study of new method of blood oxygenation (Marx et al.), 992
pump, Kay-Cross, management of patient during open heart surgery using (Mendelsohn et al.), 949
use in experimental coronary artery surgery in dogs (Miller et al.), 1005
vertical screen, completely assembled, ethylene oxide sterilization of (McCaughan et al.), 648
rotating disc, clinical experience with (Sloan et al.), 138

P

Paget's disease of breast (McGregor and McGregor), 562
extramammary (Grimes), 569
Pancreas, dog's, interstitial radiation with radioactive colloidal gold (Au^{198}) preliminary to use in malignant diseases of pancreas (Ireton and Watman), 475
Pancreatitis, acute hemorrhagic, in dogs, production by means of episode by intravascular clotting in pancreas (Hardaway and McKay), 557
Pathologic anatomy of pulmonary arteriovenous aneurysms, analysis of, with particular reference to applicability of local excision (Bosher et al.), 91
Patient management during open heart surgery (Mendelsohn et al.), 949

Pelvic autonomic nervous system, anatomy of, in cases of high imperforate anus (Scott), 1013
malignancies, advanced, intra-aortic nitrogen mustard therapy in (Byron et al.), 634
Penetrating wounds of heart, sixty (Isaacs), 696
Perforated gastric and duodenal ulcers, radical surgical treatment of (Edit.), 527
Periarteritis nodosa, spontaneous hemorrhagic rupture of kidney associated with (Mandelbaum and Radigan), 787
Perichondritis, costal chondritis and (Pontius et al.), 852
Period of calm and multiple casualties (Edit.), 520
Peripheral vascular disease, iliac arteriography in conjunction with lumbar sympathectomy in (Shapiro et al.), 454
Peritonitis, meconium, unusual diagnostic sign in: vaginal drainage of meconium (Pollock et al.), 324
Pig, antifibrillatory agents and surgery tested by closed chest coronary occlusion in (Garamella et al.), 292
Pipe tobacco tar, reaction of great omentum of rat to, including formation of giant cells (Downey and Wells), 715
Pituitrin, intravenous, in treatment of bleeding esophageal varices (Schwartz et al.), 72
Plasma and dextran, efficacy of, compared to saline for fluid replacement following tourniquet shock (Serkes et al.), 623
Plastic prosthesis for palliating carcinoma of esophagus (Sachs), 377
Pneumonias, staphylococcic, acute thoracic emergencies in infants and children with (Weisel and Gorman), 335
Polyethylene, linear, new suture material for arterial anastomosis (Phelan), 674
Polyvinyl ureteral substitutes, total bilateral, in the dog (Ulm and Lo), 313
Popliteal and femoral artery, dissecting aneurysm of (Movitz), 834
Portacaval shunt, reverse (Meyer and Starzl), 531
Posterior mediastinal goiter, two cases and their management (Budgen et al.), 941
Postgastrectomy patients, fifty, psychiatric observations on (Rond), 729
Postoperative complications due to Staphylococcus aureus (Wolma and Lynch), 796
Potassium citrate arrest and aortic occlusion alone during cardiopulmonary bypass, comparative study of (Nunn et al.), 848
Prednisone to prevent recurrence of desmoid tumor of abdominal wall in child (Panos and Poth), 777
Preoperative evaluation of respiratory function in surgical patients: importance in prediction of pulmonary complications (Veith and Rocco), 905
Pressure dressings, aid in application of (Moore), 688
Problems in flexor tendon healing (Peacock), 415
Progress in synthetic graft development—improved crimped graft of Teflon (Edwards), 298
Prosthesis, plastic, for palliating carcinoma of esophagus (Sachs), 377
Psychiatric observations on fifty postgastrectomy patients (Rond), 729
Pulmonary arteriovenous aneurysms, analysis of pathologic anatomy of, with particular reference to applicability of local excision (Bosher et al.), 91
complications in surgical patients, importance of evaluation of respiratory function in prediction of (Veith and Rocco), 905
embolism and venous thrombosis, management of (Barker), 198
Pulse recording, digital, in vascular disease, use of (Shepard and Roberts), 118
Pump-oxygenator, Kay-Cross, management of patient during open heart surgery using (Mendelsohn et al.), 949
use in experimental coronary artery surgery in dogs (Miller et al.), 1005
vertical screen, completely assembled, ethylene oxide sterilization of (McCaughan et al.), 648
Pumping, venoarterial, system for (Dickson et al.), 288

R

Rabbit, fetus of, technique of operating upon (Cowen and Laurenson), 321
Radiation, interstitial, of dog's pancreas, with radioactive colloidal gold (Au^{198}) preliminary to use in malignant diseases of pancreas (Ireton and Watman), 475
Radical surgical treatment of perforated gastric and duodenal ulcers (Edit.), 527
Radioactive colloidal gold (Au^{198}), interstitial radiation of dog's pancreas with, preliminary to use in malignant diseases of pancreas (Ireton and Watman), 475

Rat, great omentum of, reaction to pipe tobacco tar including formation of giant cells (Downey and Wells), 715
various mechanisms of hepatic restoration in, comparative study (Lawrence et al.), 543
Rate of healing of arterial autografts (Gaylis et al.), 41
Rats receiving Walker 256 cells intraportally, intraperitoneally, and subcutaneously, effects of giving nitrogen mustard by different routes to (McCredie and dePeyster), 709
Recklinghausen's disease, neurofibroma of intrathoracic vagus nerve in woman with (Pampari and Lacerenza), 470
Rectal biopsy in diagnosis of Hirschsprung's disease (Swenson et al.), 690
Renal function and hemodynamics, effect of chlorpromazine on, particularly during hemorrhagic hypotension (Savlov), 229
Repair of injured ureter: new technique for end-to-end anastomosis (Hamm et al.), 575
Report of National Conference on Hospital-Acquired Staphylococcal Disease (Edit.), 522
Resection and freeze-dried homograft in treatment of patients with arteriosclerotic aneurysm of abdominal aorta, follow-up study (Scott et al.), 445
Residency training, surgical, and independent responsibility (Edit.), 1030
Respiratory function in surgical patients, evaluation of: importance in preoperative preparation and in prediction of pulmonary complications (Veith and Rocco), 905
Retrosternal artificial esophagus from jejunum and colon (Petrov), 890
Revascularization, myocardial, experimental evaluation of internal mammary artery ligation as method of (Vansant and Muller), 840
Reverse portacaval shunt (Meyer and Starzl), 531
Rotating disc oxygenator, clinical experience with (Sloan et al.), 139
Rupture of kidney, spontaneous hemorrhagic, associated with periarteritis nodosa (Mandelbaum and Radigan), 787

S

Saline for fluid replacement following tourniquet shock, efficacy of plasma and dextran compared to (Serkes et al.), 623
Sections, frozen (Winship and Rosvoll), 462
Serum amylase levels in experimental intestinal obstruction (Boyd and Byrne), 742
SGOT in biochemical dissection of ischemic liver necrosis (Mason et al.), 765
Shock, experimental traumatic, function of liver in, observations of (Wise et al.), 274
Shunt, left atrial-pulmonary artery, to encourage development of interarterial intercoronary anastomoses: experimental basis for new operation for coronary artery disease (Day and Lillehei), 487
portacaval, reverse (Meyer and Starzl), 531
Sigmoidoscopy and biopsy (Edit.), 880
Skin grafts, autogenous, application to gastric wall (Dineen et al.), 251
Small intestines, fluid absorption from (LeVeen et al.), 738
Smears, cul-de-sac, for cancer cells (Quan), 258
Smith, Robert William, and Smith's fracture: eponymic fractures (Peltier), 1035
Society for Vascular Surgery, articles, 1-203
Spontaneous hemorrhagic rupture of kidney associated with periarteritis nodosa (Mandelbaum and Radigan), 787
Staphylococcal Disease, Hospital-Acquired, report of National Conference on (Edit.), 522
Staphylococcic pneumonias, acute thoracic emergencies in infants and children with (Weisel and Gorman), 335
Staphylococcus aureus, coagulase of, inhibition by Congo red (Miller et al.), 310
postoperative complications due to (Wolma and Lynch), 796
Stenosis, valvular, acquired aortic and mitral, direct vision, surgery of, under hypothermia (Connolly et al.), 181
Sterilization, ethylene oxide, of completely assembled vertical screen pump-oxygenator (McCaughan et al.), 648
Stomach, cardiac portion, carcinoma of esophagus and, five-year survivals after surgery for, statistical review (Nakayama), 883
Subclavian-vertebral artery thromboendarterectomy for relief of cerebral ischemia of central origin (Cate and Scott), 19
Subcutaneous tunnel in femoral arterial bypass operations, formation of (Largo and Lui), 663

Superior vena cava and right atrium, anastomosis between, new technique and new application of (Benvenuto and Lewis), 173
Surgery, antifibrillatory agents and, tested by closed chest coronary occlusion in the pig (Garamella et al.), 292
cardiac, in newborn (Collins et al.), 506
direct vision, of acquired aortic and mitral valvular stenosis under hypothermia (Connolly et al.), 181
intracardiac, experiences with (Gerbode), 1
open heart, complications peculiar to (Effler et al.), 149
Surgical management of tic douloureux, experiences in (Gurdjian et al.), 264
residency training and independent responsibility (Edit.), 1030
treatment, definitive, in obliterative arterial disease, limb survival with and without (Cranley et al.), 32
diagnosis and, of common atrium (cor triloculare-biventriculare), (Ellis et al.), 160
Suture material, new, for arterial anastomosis, linear polyethylene as (Phelan), 674
Sutures, braided wire alloy, in tissues, granulomas and sinuses secondary to permanent implantation of (Sneierson et al.), 552
Sympathectomy, lumbar, in peripheral vascular disease, iliac arteriography in conjunction with (Shapiro et al.), 454
Synthetic graft development, progress in—improved crimped graft of Teflon (Edwards), 298
System for venoarterial pumping (Dickson et al.), 288

T

Tar, pipe tobacco, reaction of great omentum of rat to, including formation of giant cells (Downey and Wells), 715
Teflon, improved crimped graft of—progress in synthetic graft development (Edwards), 298
Tendon, flexor, healing of, some problems in (Peacock), 415
Tendons, muscles and, disruption of (Anzel et al.), 406
Tension pneumothorax in infants and children with staphylococcic pneumonias (Weisel and Gorman), 335
Thoracic emergencies, acute, in infants and children with staphylococcic pneumonias (Weisel and Gorman), 335
Thoracic—Cont'd
lymph duct, human, cannulation of (Shafiroff and Kau), 814
Thrombocytopenia and bleeding tendency during hypothermia, use of heparin to minimize (Wensel and Bigelow), 223
and hypocalcemia; new method for production in dogs and evaluation of significance in abnormal bleeding (Winchell et al.), 357
in massive transfusion, mechanism of production and evaluation of role in producing abnormal bleeding (Gollub et al.), 366
Thromboendarterectomy, experimental, development of atheroma in arteries subjected to (Gryska), 655
of subclavian and vertebral arteries for relief of cerebral ischemia of central origin (Cate and Scott), 19
Thrombosis, venous, and pulmonary embolism, management of (Barker), 198
Tic douloureux, surgical management of, experiences in (Gurdjian et al.), 264
Tobacco tar, pipe, reaction of great omentum of rat to, including formation of giant cells (Downey and Wells), 715
Tourniquet shock, efficacy of plasma and dextran compared to saline for fluid replacement following (Serkes et al.), 623
Transfusion, massive, hemorrhagic diathesis associated with (Gollub et al.), 204
metabolic alkalosis following (Litwin et al.), 805
thrombocytopenia in (Gollub et al.), 366
of oxygenated blood, hypothermia and, in treatment of neonatal asphyxia pallida (Westin et al.), 868
Transposition of great vessels, surgical correction of (Senning), 966
Trauma, surgical, distant, enhancement of methylcholanthrene carcinogenesis by (Werder et al.), 642
Traumatic shock, experimental function of liver in, observations of (Wise et al.), 274
Treatment, definitive surgical, in obliterative arterial disease, limb survival with and without (Cranley et al.), 32
diagnosis and, of coronary arteriovenous fistula (Sanger et al.), 344
Tumor cells, Walker 256, given intraportally, intraperitoneally, and subcutaneously to rats, effects of nitrogen mustard by different routes (McCredie and dePeyster), 709

Tumor—Cont'd
desmoid, of abdominal wall: use of prednisone to prevent recurrence in child (Panos and Poth), 777

U

Ulcer, duodenal, massively bleeding, with especial reference to crater (Gardner and Baronofsky), 389
patients, fifty postgastrectomy, psychiatric observations on (Rond), 729
Ulcers, gastric and duodenal, perforated, radical surgical treatment of (Edit.), 527
Ureter, injured, repair of: new technique for end-to-end anastomosis (Hamm et al.), 575
Ureteral orifices, ectopic, problems in diagnosis and treatment of (Thompson), 593
substitutes, total bilateral polyvinyl, in the dog (Ulm and Lo), 313
Urinary diversion with bladder substitution (Brunschwig and Greenman), 240
Urokon 70 per cent and Hypaque 90 per cent, relative suitability for use as aortographic contrast media (Killen et al.), 436

V

Vagally innervated gastric pouches in dogs, simple technique for preparing (Perry et al.), 937
Vaginal drainage of meconium: unusual diagnostic sign in meconium peritonitis (Pollock et al.), 324
Vagus nerve, intrathoracic, neurofibroma of, in woman with Recklinghausen's disease (Pampari and Lacerenza), 470
Valvular stenosis, acquired aortic and mitral, direct vision surgery of, under hypothermia (Connolly et al.), 181
Varices, esophageal, bleeding, use of intravenous Pituitrin in treatment of (Schwartz et al.), 72
Vascular disease, peripheral, iliac arteriography in conjunction with lumbar sympathectomy in (Shapiro et al.), 454
use of digital pulse recording in (Shepard and Roberts), 118
Surgery, Society for, articles, 1-203
Vena cava, superior, and right atrium, anastomosis between, new technique and new application of (Benvenuto and Lewis), 173
Venoarterial pumping, system for (Dickson et al.), 288
Venous thrombosis and pulmonary embolism, management of (Barker), 198
Vertebral and subclavian artery thromboendarterectomy for relief of cerebral ischemia of central origin (Cate and Scott), 19
Vesicoenteric fistula formation complicating diverticulitis (Lamphier et al.), 858
Vessels, great, transposition of, surgical correction of (Senning), 966

W

Walker 256 cells given intraportally, intraperitoneally, and subcutaneously to rats, effects of nitrogen mustard by different routes (McCredie and dePeyster), 709
Wound healing, oft-neglected factor related to (Edit.), 354
infections due to Staphylococcus aureus (Wolma and Lynch), 796
Wounds of heart, penetrating, sixty (Isaacs), 696